Please amend the claims as follow:

1. (Previously Cancelled)

2. (Previously Cancelled)

3. (Previously Cancelled)

4. (Previously Cancelled)

5. (Previously Cancelled)

6. (Previously Cancelled)

7. (Previously Cancelled)

8. (Previously Cancelled)

9. (Previously Cancelled)

10. (Previously Cancelled)

11. (Previously Cancelled)

12. (Previously Cancelled)

13. (Previously Cancelled)

14. (Previously Cancelled)

15. (Previously Cancelled)

16. (Previously Cancelled)

17. (Previously Cancelled)

18. (Previously Cancelled)

19. (Previously Cancelled)

20. (Previously Cancelled)

21. (Previously Cancelled)

22. (Previously Cancelled)

23. (Previously Cancelled)

24. (Previously Cancelled)

25. (Previously Cancelled)

26. (Previously Cancelled)

27. (Previously Cancelled)

28. (Previously Cancelled)

29. (Previously Cancelled)

30. (Currently Amended) A method of decontaminating a structure contaminated by ~~pathogenic microorganisms~~ Bacillus anthraces comprising the steps of:

(a) substantially sealing a contaminated structure sufficiently to enable retention of a predetermined concentration of methyl bromide gas;

(b) introducing methyl bromide gas into the substantially sealed contaminated structure to a concentration of methyl bromide in an amount sufficient to deactivate said ~~pathogenic microorganisms~~ Bacillus anthraces and disable germination of ~~pathogenic bacteria~~ Bacillus anthraces spores;

(c) maintaining said substantially sealed contaminated structure with said concentration of methyl bromide for a sufficient period of time to deactivate said ~~pathogenic microorganisms~~ Bacillus anthraces and to disable germination of said ~~pathogenic bacteria~~ Bacillus anthraces spores associated with said contaminated structure;

(d) wherein the concentration of methyl bromide gas and period of time are inversely varied while providing a sufficient gas concentration to disable germination of

said ~~pathogenic bacteria~~ Bacillus anthraces spores associated with said contaminated structure; and

(e) wherein a baseline concentration of methyl bromide gas is approximately 80mg/liter, and a baseline period of time is 48 hours.

31. (Previously Amended) The method of claim 30, wherein the ambient humidity within the contaminated structure is approximately 21%.

32. (Previously Amended) The method of claim 30, wherein the ambient humidity within the contaminated structure is between 21% and 100%.

33. (Previously Cancelled)

34. (Previously Amended) The method of claim 30, wherein the concentration of methyl bromide gas is approximately 60ml/liter, and the sufficient period of time is approximately 72 hours.

35. (Previously Amended) The method of claim 30, wherein the concentration of methyl bromide gas is approximately 40ml/liter, and the sufficient period of time is approximately 96 hours.

36. (Previously Amended) The method of claim 30, wherein the concentration of methyl bromide gas is approximately 160ml/liter, and the sufficient period of time is approximately 24 hours.

37. (Original) The method of claim 33, wherein the ambient humidity within the contaminated structure is between 21% and 100%.

38. (Previously Cancelled)

39. (Currently Amended) A method of decontaminating a structure

contaminated by ~~pathogenic microorganisms~~ Bacillus anthraces and associated Bacillus anthraces spores comprising the steps of:

(a) substantially sealing a contaminated structure sufficiently to enable retention of a predetermined concentration of methyl bromide gas~~,~~;

(b) introducing methyl bromide gas into the substantially sealed contaminated structure to a concentration of methyl bromide in an amount sufficient to deactivate said ~~pathogenic microorganisms~~ Bacillus anthraces and disable germination of ~~pathogenic bacteria~~ Bacillus anthraces spores;

(c) maintaining said substantially sealed contaminated structure with said concentration of methyl bromide for a sufficient period of time to deactivate said ~~pathogenic microorganisms~~ Bacillus anthraces and to disable germination of said ~~pathogenic bacteria~~ Bacillus anthraces spores associated with said contaminated structure;

(d) wherein temperature is kept at approximately 37°C, the concentration of methyl bromide is approximately 80 mg/l and above, and an exposure time is approximately 48 hours.